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Response to 2 April 2008 Non-Final Office Action  
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ROBERT W. STROZIER, P.L.L.C.

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1 and the film B bonding layer, where the in regions are devoid of the film A strands and the film B  
2 strands,

3 where the first bonds have a higher bond strength than a bond strength of the third bonds.

1 124.(currently amended) The cross-laminate according to claim 123, further comprising:

2 an exterior layer formed on an exterior surface of at least the film B comprising an exterior  
3 layer polymer material adapted to enhance a surface property of the laminate, where the property is  
4 selected from the group consisting of its heat-sealing capability and its frictional property.

1 125.(previously presented) The cross-laminate according to claim 123, wherein the second bonds  
2 have a bond strength greater than the bond strength of the third bonds.

1 126.(currently amended) The cross-laminate according to claim 123, wherein the first bonds  
2 comprise direct strand to strand lamination at crossing the points of intersection between the film  
3 A strands and the film B strands.

1 127.(currently amended) The cross-laminate according to claim 123, further comprising:  
2 a continuous extrusion lamination layer introduced between the films A and B, and wherein  
3 the first, second and third bonds further comprise portions of the continuous extrusion lamination  
4 layer adapted to laminate the films together.

1 128.(currently amended) The cross-laminate according to claim 123, wherein a collective area  
2 of the film A strands and the film B strands comprises no more than 60% of a surface area of their  
3 respective film sides.

1 129.(currently amended) The cross-laminate according to claim 123, wherein a thickness  
2 increase of the films A and B at their respective strand locations is at most 20% of a film thickness  
3 of the films A and B in adjacent regions of the films A and B devoid of their respective  
4 ~~discontinuous layers~~ strands.

1 130.(currently amended) The cross-laminate according to claim 123, wherein a thickness

1 increase of the films A and B at their respective strand locations is at most 10% of a film thickness  
2 of the films A and B in adjacent regions of the films A and B devoid of their respective  
3 ~~discontinuous layers~~ strands.

1 131.(previously presented) The cross-laminate according to claim 123, wherein a volume of the  
2 film A strands and the film B strands is not greater than 15% of a volume of their respective films.

1 132.(previously presented) The cross-laminate according to claim 123, wherein a volume of the  
2 film A strands and the film B strands is not greater than 10% of a volume of their respective films.

1 133.(previously presented) The cross-laminate according to claim 123, wherein a volume of the  
2 film A strands and the film B strands is not greater than 5% of a volume of their respective films.

1 134.(currently amended) The cross-laminate according to claim 123, wherein a distance from  
2 a center-to-center of adjacent pairs of arrays of strands ~~in each array~~ is between 2 mm and 40 mm.

1 135.(currently amended) The cross-laminate according to claim 134, wherein the distance from  
2 a center-to-center of adjacent pairs of arrays of strands ~~in each array~~ is at the highest 20 mm.

1 136.(previously presented) The cross-laminate according to claim 123, wherein:  
2 the bond strength of the first bonds is at least  $40 \text{ g cm}^{-1}$ , as measured by a peel test carried  
3 out on narrow specimens of the cross-laminate at a velocity of about  $1 \text{ mm sec}^{-1}$ , and  
4 the bond strength of the third bonds are less than or equal to 75% of the bond strength of the  
5 first bonds, as measured by the peel test.

1 137.(previously presented) The cross-laminate according to claim 136, wherein the bond strength  
2 of the third bonds are less than or equal to 50% of the bond strength of the first bonds, as measured  
3 by the peel test.

1 138.(previously presented) The cross-laminate according to claim 123, wherein an average  
2 melting point of the third polymer material and average melting point of the sixth polymer materials

1 are at least about 10°C lower than an average melting point of the first polymer material and an  
2 average melting point of the fourth polymer material.

1 139.(previously presented) The cross-laminate according to claim 123, wherein an average  
2 melting point of the third polymer material and average melting point of the sixth polymer materials  
3 are at least about 15°C lower than an average melting point of the first polymer material and an  
4 average melting point of the fourth polymer material.

1 140.(previously presented) The cross-laminate according to claim 123, wherein an average  
2 melting point of the third polymer material and average melting point of the sixth polymer materials  
3 are at least about 20°C lower than an average melting point of the first polymer material and an  
4 average melting point of the fourth polymer material.

1 141.(previously presented) The cross-laminate according to claim 123, wherein the main layer of  
2 each of the two films A and B consists essentially of polyethylene or polypropylene.

1 142.(currently amended) The cross-laminate according to claim 123, wherein:  
2 the main layers are selected from the group consisting of HDPE, LLDPE or a blend of the  
3 two,  
4 the bonding layers comprise LLDPE in admixture with 5 - 25% of a copolymer of ethylene  
5 having a melting point or a melting range within the temperature range of 50 - 80°C, and  
6 the ~~discontinuous layers~~ strands comprise a polymer consisting essentially of a copolymer  
7 of ethylene having a melting point or a melting range within the temperature range of 50 - 100°C  
8 or a blend of such copolymer and LLDPE containing at least 25% of the the copolymer.

1 143.(currently amended) The cross-laminate according to claim 123, wherein the bonding layers  
2 include an adhesion modifying material adapted to establish a blocking of the contacting mutually  
3 facing surfaces of the films A and B to each other in regions devoid the their ~~discontinuous layers~~  
4 strands.

1 144.(currently amended) The cross-laminate according to claim 123, wherein:





1 eighth polymer material different from the first polymer material and seventh  
2 polymer material, and  
3 the cross-laminate further comprising:  
4 a third film C having a main direction of uniaxial or unbalanced biaxial molecular  
5 orientation and including:  
6 a continuous main layer comprising a ninth polymer material having a high  
7 tensile strength,  
8 a continuous bonding layer comprising a tenth polymer material and disposed  
9 on a surface of the main layer, and  
10 a discontinuous surface layer comprising at least one array of substantially  
11 parallel strands and disposed on a top surface of the bonding layer in a spaced  
12 apart configuration, where the discontinuous layer comprises and comprising  
13 an eleventh polymer material different from the ninth and tenth polymer  
14 materials,  
15 where the film C is arranged such the film C main direction crosses the film A main  
16 direction and the film C arrays of strands cross the film A arrays of stands,  
17 fourth bonds formed at comprising points of intersections of between the film A strands and  
18 the film C strands  
19 fifth bonds formed ~~between the~~ comprising contact lines between the film A bonding layer  
20 and the film C strands or the film C bonding layer and the film A strands, and  
21 sixth bonds formed ~~between~~ comprising contact regions between the film A bonding layer  
22 and the film C bonding layer, where the in regions are devoid of the film A strands and the film C  
23 strands,  
24 where the fourth bonds have a higher bond strength than the sixth bonds.

1 148. (currently amended) The cross-laminate according to claim ~~148~~ 147, further comprising:  
2 an exterior layer formed on an exterior surface of at least the film B or the film C comprising  
3 a polymer material adapted to enhance a surface property of the laminate, where the property is  
4 selected from the group consisting of its heat-sealing capability and its frictional property.